

ky=0.126,ind=58,f1=0.431kHz,f2=7.444kHz,LfE=2,HfE=2

$T_1=2320.84\mu\text{s}$, $T_2=134.34\mu\text{s}$

$f_1 = 0.43\text{kHz} * (1 \pm 9.561e-02)$, $f_2 = 7.44\text{kHz} * (1 \pm 1.706e-02)$

$\tau_1=1408.62\mu\text{s} * (1 \pm 2.993e-01)$, $\tau_2=613.02\mu\text{s} * (1 \pm 2.025e-01)$

$a_1=0.04 * (1 \pm 2.747e-01)$, $a_2=0.03 * (1 \pm 1.881e-01)$

$s_0=0.58 * (1 \pm 8.226e-03)$, $t_0=32.39 * (1 \pm 1.690e-01)$, $a_0=0.24 * (1 \pm 8.699e-02)$

$\varphi_1=-0.50\pi * (1 \pm 1.179e-01)$, $\varphi_2=0.16\pi * (1 \pm 5.147e-01)$

S

$$S = a_1 e^{-t^2/\tau_1^2} \cos(2\pi f_1 t + \varphi_1) + a_2 e^{-t^2/\tau_2^2} \cos(2\pi f_2 t + \varphi_2) + a_0 e^{-t/\tau_0} + s_0$$

0.3

t/ μs

2000